Attorney's Docket No.: <u>005214.P001R</u> <u>PATENT</u>

# DECLARATION FOR REISSUE PATENT APPLICATION

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below, next to my name.

I believe I am the original, first, and sole inventor (if only one name is listed below) or an original, first, and joint inventor (if plural names are listed below) of the subject matter which is described and for which a reissue patent is sought on the invention entitled

APPARATUS FOR TRANSMITTING AND RECEIVING EXECUTABLE APPLICATIONS
AS FOR A MULTIMEDIA SYSTEM, AND METHOD AND SYSTEM TO ORDER AN ITEM
USING A DISTRIBUTED COMPUTING SYSTEM

filed September 27, 2000 as serial no. 09/672,523 ("the reissue application"), the specification of which is attached hereto and was issued on October 6, 1998 as U.S. Patent no. 5,819,034 ("the original patent") based on serial no. 08/233,908 ("the application"), filed on April 28, 1994.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claim(s), as amended by any amendment referred to above. I do not know and do not believe that the claimed invention was ever known or used in the United States of America before my invention thereof, or patented or described in any printed publication in any country before my invention thereof or more than one year prior to the effective filing date, that the same was not in public use or on sale in the United States of America more than one year prior to the effective filing date, and that the invention was has not been patented or made the subject of an inventor's certificate issued prior to the effective filing date in any country foreign to the United States of America on an application filed by me or my legal representatives or assigns more than twelve moths (for a utility patent application) or six moths (for a design patent application) prior to the effective filing date.

I acknowledge the duty to disclose all information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, Section 1.56.

| Prior Foreign Application(s) |         |                      | Priority<br><u>Claimed</u> |    |
|------------------------------|---------|----------------------|----------------------------|----|
| Number                       | Country | Day/Month/Year Filed | Yes                        | No |
| Number                       | Country | Day/Month/Year Filed | Yes                        | No |
| Number                       | Country | Day/Month/Year Filed | Yes                        | No |

| I hereby claim the benefit under provisional application(s) listed I   |  | e, Section 119(e) of any United States  |
|--|--|---|
| Application Number   | Filing Date  |   |
| Application Number   | Filing Date  |   |
| application(s) listed below and, is not disclosed in the prior Unit of Title 35, United States Code, known to me to be material to p   | insofar as the subject matter<br>ted States application in the<br>, Section 112, I acknowledgo<br>batentability as defined in Ti<br>ailable between the filing da  | de, Section 120 of any United States er of each of the claims of this application manner provided by the first paragraph e the duty to disclose all information tle 37, Code of Federal Regulations, te of the prior application and the national   |
| Application Number   | Filing Date  | Status patented, pending, abandoned   |
| Application Number   | Filing Date  | Status patented, pending, abandoned   |
| patent claims less than I had a the invention and inventions as without any deceptive intentior during subsequent amendmen in the issuance of the original application and I failing to applinvention(s). The error was direview of the original patent by | a right to claim in the patent.<br>s claimed in the above-iden<br>n on my part. The error aros<br>nts in connection with the pr<br>patent. The error occurred<br>reciate the scope of the inversion<br>iscovered subsequent to isset<br>y the assignee and/or its re | noperative by reason that the original The claims fail to cover embodiments of tified reissue application. The error arose se during the drafting of the application and osecution of the application which resulted as a result of the attorney prosecuting the ention and/or to properly identify the suance of the original patent during a presentatives. I further acknowledge my ination of the application under 37 CFR §  |
| I reserve the right to file broad limit, and in any continuation application.  | dening claims for the preser<br>or divisional reissue applica  | t reissue application beyond the two year tion based on the present reissue   |
| (N<br>ZAFMAN LLP, 12400 Wilshi<br>telephone calls to <u>André</u>  | lame of Attorney or Agent<br>re Boulevard 7th Floor, Lo  | BLAKELY, SOKOLOFF, TAYLOR & solutions of the second second sections and second |
| statements made on inform<br>statements were made with<br>are punishable by fine or in   | nation and belief are belie<br>n the knowledge that willfon<br>nprisonment, or both, und<br>willful false statements m   | ny own knowledge are true and that all<br>ved to be true; and further that these<br>ul false statements and the like so made<br>der Section 1001 of Title 18 of the United<br>ay jeopardize the validity of the   |

| Full Name of Sole/First Inventor Kuriacose JOSEPH  |                        |
|--|------------------------|
| Inventor's Signature                               | Date                   |
| Residence  | Citizenship            |
| Residence (City, State)                            | (Country)              |
| Post Office Address                                |                        |
|  |                        |
| Full Name of Second/Joint Inventor Ansley Wayne J  | FSSUP, Jr.             |
| Inventor's Signature                               | Date Mulember 11, 2000 |
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| ✓(City, State)                                     | (Country)              |
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|  |                        |
| Full Name of Third/Joint Inventor Vincent DUREAU   |                        |
| Inventor's Signature                               | Date                   |
| Residence  | Citizenship            |
| Residence(City, State)                             | (Country)              |
| Post Office Address                                |                        |
|  |                        |
| Full Name of Fourth/Joint Inventor Alain DELPUCH   |                        |
| Inventor's Signature                               | Date                   |
| Residence  | Citizenship            |
| Residence(City, State)                             | (Country)              |
| Post Office Address                                |                        |

# Title 37, Code of Federal Regulations, Section 1.56 Duty to Disclose Information Material to Patentability

- (a) A patent by its very nature is affected with a public interest. The public interest is best served, and the most effective patent examination occurs when, at the time an application is being examined, the Office is aware of and evaluates the teachings of all information material to patentability. Each individual associated with the filing and prosecution of a patent application has a duty of candor and good faith in dealing with the Office, which includes a duty to disclose to the Office all information known to that individual to be material to patentability as defined in this section. The duty to disclosure information exists with respect to each pending claim until the claim is cancelled or withdrawn from consideration, or the application becomes abandoned. Information material to the patentability of a claim that is cancelled or withdrawn from consideration need not be submitted if the information is not material to the patentability of any claim remaining under consideration in the application. There is no duty to submit information which is not material to the patentability of any existing claim. The duty to disclosure all information known to be material to patentability is deemed to be satisfied if all information known to be material to patentability of any claim issued in a patent was cited by the Office or submitted to the Office in the manner prescribed by §§1.97(b)-(d) and 1.98. However, no patent will be granted on an application in connection with which fraud on the Office was practiced or attempted or the duty of disclosure was violated through bad faith or intentional misconduct. The Office encourages applicants to carefully examine:
  - (1) Prior art cited in search reports of a foreign patent office in a counterpart application, and
- (2) The closest information over which individuals associated with the filing or prosecution of a patent application believe any pending claim patentably defines, to make sure that any material information contained therein is disclosed to the Office.
- (b) Under this section, information is material to patentability when it is not cumulative to information already of record or being made or record in the application, and
- (1) It establishes, by itself or in combination with other information, a prima facie case of unpatentability of a claim; or
  - (2) It refutes, or is inconsistent with, a position the applicant takes in:
  - (i) Opposing an argument of unpatentability relied on by the Office, or
  - (ii) Asserting an argument of patentability.

- (c) Individuals associated with the filing or prosecution of a patent application within the meaning of this section are:
  - (1) Each inventor named in the application;
  - (2) Each attorney or agent who prepares or prosecutes the application; and
- (3) Every other person who is substantively involved in the preparation or prosecution of the application and who is associated with the inventor, with the assignee or with anyone to whom there is an obligation to assign the application.
- (d) Individuals other than the attorney, agent or inventor may comply with this section by disclosing information to the attorney, agent, or inventor.

Attorney's Docket No.: 005214.P001R



**PATENT** 

# **DECLARATION FOR REISSUE PATENT APPLICATION**

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below, next to my name.

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| AS FOR A MULTIMEDIA SYSTEM, AND METHOD AND SYSTEM TO ORDER AN ITEM |  |
| USING A DISTRIBUTED COMPUTING SYSTEM                               |  |

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| Prior Foreign Application | <u>n(s)</u> |                      | Priorit<br><u>Claim</u> |    |
|---------------------------|-------------|----------------------|-------------------------|----|
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| patent claims less than I had a the invention and inventions as without any deceptive intention during subsequent amendment in the issuance of the original papplication and I failing to apprinvention(s). The error was disreview of the original patent by | right to claim in the patent. It claimed in the above-identification my part. The error arose to in connection with the proportion. The error occurred a eciate the scope of the inversecovered subsequent to issue the assignee and/or its representations. | operative by reason that the original The claims fail to cover embodiments of fied reissue application. The error arose during the drafting of the application and secution of the application which resulted is a result of the attorney prosecuting the antion and/or to properly identify the ance of the original patent during a resentatives. I further acknowledge my nation of the application under 37 CFR § |
|   |  | reissue application beyond the two year on based on the present reissue   |
| ZAFMAN LLP, 12400 Wilshir telephone calls to <u>André</u>   | ame of Attorney or Agent)<br>e Boulevard 7th Floor, Los  | , BLAKELY, SOKOLOFF, TAYLOR & Angeles, California 90025 and direct 108) 720-8300.   |
| statements made on information statements were made with are punishable by fine or im   | ation and belief are believe<br>the knowledge that willful<br>prisonment, or both, unde<br>willful false statements ma   | own knowledge are true and that all<br>ed to be true; and further that these<br>false statements and the like so made<br>or Section 1001 of Title 18 of the United<br>y jeopardize the validity of the  |

| Full Name of Sole/First | Inventor Kuriacose JOSEPH             |             |           |
|-------------------------|---------------------------------------|-------------|-----------|
| Inventor's Signature    | Runar Trepe                           | Date        | 11/20/00  |
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|                         | (City, State) 16124 ORCHAR            |             |           |
| Full Name of Second/J   | oint Inventor <u>Ansley Wayne JES</u> | SSUP, Jr.   |           |
| Inventor's Signature    |                                       | Date        |           |
| Residence               | (City, State)                         | Citizenship | (0        |
|                         |                                       |             |           |
| Post Office Address     |                                       |             |           |
| Full Name of Third/Join | nt Inventor <u>Vincent DUREAU</u>     |             |           |
| Inventor's Signature    |                                       | Date        |           |
| Residence               | (City, State)                         | Citizenship |           |
|                         | (City, State)                         |             |           |
| Full Name of Fourth/J   | oint Inventor <u>Alain DELPUCH</u>    |             |           |
| Inventor's Signature _  | ·····                                 | Date        |           |
| Residence               | (City, State)                         | Citizenship | (Country) |
|                         |                                       |             |           |

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- (c) Individuals associated with the filing or prosecution of a patent application within the meaning of this section are:
  - (1) Each inventor named in the application;
  - (2) Each attorney or agent who prepares or prosecutes the application; and
- (3) Every other person who is substantively involved in the preparation or prosecution of the application and who is associated with the inventor, with the assignee or with anyone to whom there is an obligation to assign the application.
- (d) Individuals other than the attorney, agent or inventor may comply with this section by disclosing information to the attorney, agent, or inventor.

PATENT

Attorney's Docket No.: 005214.P001R

# POWER OF ATTORNEY

**OPENTV CORPORATION** hereby appoints the persons listed on Appendix A hereto (which is incorporated by reference and a part of this document) as its respective patent attorneys and patent agents, with full power of substitution and revocation, to (1) prosecute and (2) transact all business in the Patent and Trademark Office connected with the reissue application serial no. 09/672,523, filed September 27, 2000 entitled:

APPARATUS FOR TRANSMITTING AND RECEIVING EXECUTABLE APPLICATIONS AS FOR A MULTIMEDIA SYSTEM, AND METHOD AND SYSTEM TO ORDER AN ITEM USING A DISTRIBUTED COMPUTING SYSTEM,

which is reissue of U.S. Patent no., 5,819,034, based on application serial no. 08/233,908 filed April 28, 1994.

Dated: 1//04/00

By: Utan

**Umesh Desai** 

Associate General Counsel – Intellectual Property, OPENTV CORPORATION

William E. Alford, Reg. No. 37,764; Farzad E. Amini, Reg. No. P42,261; Aloysius T. C. AuYeung, Reg. No. 35,432; William Thomas Babbitt, Reg. No. 39,591; Carol F. Barry, Reg. No. 41,600; Jordan Michael Becker, Reg. No. 39,602; Lisa N. Benado, Reg. No. 39,995; Bradley J. Bereznak, Reg. No. 33,474; Michael A. Bernadicou, Reg. No. 35,934; Roger W. Blakely, Jr., Reg. No. 25,831; R. Alan Burnett, Reg. No. 46,149; Gregory D. Caldwell, Reg. No. 39,926; Andrew C. Chen, Reg. No. 43,544; Thomas M. Coester, Reg. No. 39,637; Donna Jo Coningsby, Reg. No. 41,684; Florin Corie, Reg. No. 46,244; Dennis M. deGuzman, Reg. No. 41,702; Stephen M. De Klerk, Reg. No. 46,503; Michael Anthony DeSanctis, Reg. No. 39,957; Daniel M. De Vos, Reg. No. 37,813; Robert Andrew Diehl, Reg. No. 40,992; Sanjeet Dutta, Reg. No. P46,145; Matthew C. Fagan, Reg. No. 37,542; Tarek N. Fahmi, Reg. No. 41,402; George Fountain, Reg. No. 37,374; Paramita Ghosh, Reg. No. 42,806; James Y. Go, Reg. No. 40,621; James A. Henry, Reg. No. 41,064; Libby N. Ho, Reg. No. P46,774; Willmore F. Holbrow III, Reg. No. P41,845; Sheryl Sue Holloway, Reg. No. 37,850; George W Hoover II, Reg. No. 32,992; Eric S. Hyman, Reg. No. 30,139; William W. Kidd, Reg. No. 31,772; Sang Hui Kim, Reg. No. 40,450; Walter T. Kim, Reg. No. 42,731; Eric T. King, Reg. No. 44,188; Erica W. Kuo, Reg. No. 42,775; George Brian Leavell, Reg. No. 45,436; Kurt P. Leyendecker, Reg. No. 42,799; Gordon R. Lindeen III, Reg. No. 33,192; Jan Carol Little, Reg. No. 41,181; Joseph Lutz, Reg. No. 43,765; Michael J. Mallie, Reg. No. 36,591; Andre L. Marais, under 37 C.F.R. § 10.9(b); Paul A. Mendonsa, Req. No. 42,879; Clive D. Menezes, Reg. No. 45,493; Chun M. Ng, Reg. No. 36,878; Thien T. Nguyen, Reg. No. 43,835; Thinh V. Nguyen, Reg. No. 42,034; Dennis A. Nicholls, Reg. No. 42,036; Daniel E. Ovanezian, Reg. No. 41,236; Kenneth B. Paley, Reg. No. 38,989; Marina Portnova, Reg. No. P45,750; William F. Ryann, Reg. 44,313; James H. Salter, Reg. No. 35,668; William W. Schaal, Reg. No. 39,018; James C. Scheller, Reg. No. 31,195; Jeffrey Sam Smith, Reg. No. 39,377; Maria McCormack Sobrino, Reg. No. 31,639; Stanley W. Sokoloff, Reg. No. 25,128; Judith A. Szepesi, Reg. No. 39,393; Vincent P. Tassinari, Reg. No. 42,179; Edwin H. Taylor, Reg. No. 25,129; John F. Travis, Reg. No. 43,203; Joseph A. Twarowski, Reg. No. 42,191; Tom Van Zandt, Reg. No. 43,219; Lester J. Vincent, Reg. No. 31,460; Glenn E. Von Tersch, Reg. No. 41,364; John Patrick Ward, Reg. No. 40,216; Mark L. Watson, Reg. No. P46,322; Thomas C. Webster, Reg. No. P46,154; Steven D. Yates, Reg. No. 42,242; and Norman Zafman, Reg. No. 26,250; my patent attorneys, and Firasat Ali, Reg. No. 45,715; and Justin M. Dillon, Reg. No. 42,486; my patent agents, of BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP, with offices located at 12400 Wilshire Boulevard, 7th Floor, Los Angeles, California 90025, telephone (310) 207-3800, and Umesh Desai, Reg. No. 36,360 and Craig Opperman, Reg. No. 37,078, of OpenTV, located at 401 E. Middlefield Road, Mountain View, California 94043, and James R. Thein, Reg. No. 31,710, my patent attorney with full power of substitution and revocation, to prosecute this application and to transact all business in the Patent and Trademark Office connected herewith.

# ğ

# POWER OF ATTORNEY

OPENTV CORPORATION hereby appoints the persons listed on Appendix A hereto (which is incorporated by reference and a part of this document) as its respective patent attorneys and patent agents, with full power of substitution and revocation, to (1) prosecute and (2) transact all business in the Patent and Trademark Office connected with the reissue application serial no. 09/672,523, filed September 27, 2000 entitled:

APPARATUS FOR TRANSMITTING AND RECEIVING EXECUTABLE APPLICATIONS AS FOR A MULTIMEDIA SYSTEM, AND METHOD AND SYSTEM TO ORDER AN ITEM USING A DISTRIBUTED COMPUTING SYSTEM.

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11/04/00 Mezz

**Umesh Desai** 

Associate General Counsel – Intellectual Property, OPENTV CORPORATION

William E. Alford, Reg. No. 37,764; Farzad E. Amini, Reg. No. P42,261; Aloysius T. C. AuYeung, Reg. No. 35,432; William Thomas Babbitt, Reg. No. 39,591; Carol F. Barry, Reg. No. 41,600; Jordan Michael Becker, Reg. No. 39,602; Lisa N. Benado, Reg. No. 39,995; Bradley J. Bereznak, Reg. No. 33,474; Michael A. Bernadicou, Reg. No. 35,934; Roger W. Blakely, Jr., Reg. No. 25,831; R. Alan Burnett, Reg. No. 46,149; Gregory D. Caldwell, Reg. No. 39,926; Andrew C. Chen, Reg. No. 43,544; Thomas M. Coester, Reg. No. 39,637; Donna Jo Coningsby, Reg. No. 41,684; Florin Corie, Reg. No. 46,244; Dennis M. deGuzman, Reg. No. 41,702; Stephen M. De Klerk, Reg. No. 46,503; Michael Anthony DeSanctis, Reg. No. 39,957; Daniel M. De Vos, Reg. No. 37,813; Robert Andrew Diehl, Reg. No. 40,992; Sanjeet Dutta, Reg. No. P46,145; Matthew C. Fagan, Reg. No. 37,542; Tarek N. Fahmi, Reg. No. 41,402; George Fountain, Reg. No. 37,374; Paramita Ghosh, Reg. No. 42,806; James Y. Go, Reg. No. 40,621; James A. Henry, Reg. No. 41,064; Libby N. Ho, Reg. No. P46,774; Willmore F. Holbrow III, Reg. No. P41,845; Sheryl Sue Holloway, Reg. No. 37,850; George W Hoover II, Reg. No. 32,992; Eric S. Hyman, Reg. No. 30,139; William W. Kidd, Reg. No. 31,772; Sang Hui Kim, Reg. No. 40,450; Walter T. Kim, Reg. No. 42,731; Eric T. King, Reg. No. 44,188; Erica W. Kuo, Reg. No. 42,775; George Brian Leavell, Reg. No. 45,436; Kurt P. Leyendecker, Reg. No. 42,799; Gordon R. Lindeen III, Reg. No. 33,192; Jan Carol Little, Reg. No. 41,181; Joseph Lutz, Reg. No. 43,765; Michael J. Mallie, Reg. No. 36,591; Andre L. Marais, under 37 C.F.R. § 10.9(b); Paul A. Mendonsa, Reg. No. 42,879; Clive D. Menezes, Reg. No. 45,493; Chun M. Ng, Reg. No. 36,878; Thien T. Nguyen, Reg. No. 43,835; Thinh V. Nguyen, Reg. No. 42,034; Dennis A. Nicholls, Reg. No. 42,036; Daniel E. Ovanezian, Reg. No. 41,236; Kenneth B. Paley, Reg. No. 38,989; Marina Portnova, Reg. No. P45,750; William F. Ryann, Reg. 44,313; James H. Salter, Reg. No. 35,668; William W. Schaal, Reg. No. 39,018; James C. Scheller, Reg. No. 31,195; Jeffrey Sam Smith, Reg. No. 39,377; Maria McCormack Sobrino, Reg. No. 31,639; Stanley W. Sokoloff, Reg. No. 25,128; Judith A. Szepesi, Reg. No. 39,393; Vincent P. Tassinari, Reg. No. 42,179; Edwin H. Taylor, Reg. No. 25,129; John F. Travis, Reg. No. 43,203; Joseph A. Twarowski, Reg. No. 42,191; Tom Van Zandt, Reg. No. 43,219; Lester J. Vincent, Reg. No. 31,460; Glenn E. Von Tersch, Reg. No. 41,364; John Patrick Ward, Reg. No. 40,216; Mark L. Watson, Reg. No. P46,322; Thomas C. Webster, Reg. No. P46,154; Steven D. Yates, Reg. No. 42,242; and Norman Zafman, Reg. No. 26,250; my patent attorneys, and Firasat Ali, Reg. No. 45,715; and Justin M. Dillon, Reg. No. 42,486; my patent agents, of BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP, with offices located at 12400 Wilshire Boulevard, 7th Floor, Los Angeles, California 90025, telephone (310) 207-3800, and Umesh Desai, Reg. No. 36,360 and Craig Opperman, Reg. No. 37,078, of OpenTV, located at 401 E. Middlefield Road, Mountain View, California 94043, and James R. Thein, Reg. No. 31,710, my patent attorney with full power of substitution and revocation, to prosecute this application and to transact all business in the Patent and Trademark Office connected herewith.

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I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claim(s), as amended by any amendment referred to above. I do not know and do not believe that the claimed invention was ever known or used in the United States of America before my invention thereof, or patented or described in any printed publication in any country before my invention thereof or more than one year prior to the effective filing date, that the same was not in public use or on sale in the United States of America more than one year prior to the effective filing date, and that the invention was has not been patented or made the subject of an inventor's certificate issued prior to the effective filing date in any country foreign to the United States of America on an application filed by me or my legal representatives or assigns more than twelve moths (for a utility patent application) or six moths (for a design patent application) prior to the effective filing date.

I acknowledge the duty to disclose all information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, Section 1.56.

| Prior Foreign Application | <u>n(s)</u> |                      | Priorit<br><u>Claim</u> |    |
|---------------------------|-------------|----------------------|-------------------------|----|
| Number                    | Country     | Day/Month/Year Filed | Yes                     | No |
| Number                    | Country     | Day/Month/Year Filed | Yes                     | No |
| Number                    | Country     | Day/Month/Year Filed | Yes                     | No |

| I hereby claim the benefit under T<br>provisional application(s) listed be   | Fitle 35, United States Cod   | e, Section 119(e) of any United States  |
|--|---|---|
| provisional application(s) listed by   | -   |   |
| Application Number   | Filing Date   |   |
| Application Number   | Filing Date   |   |
| application(s) listed below and, is not disclosed in the prior Unite of Title 35, United States Code,  | nsofar as the subject mate<br>ed States application in the<br>Section 112, I acknowledg<br>atentability as defined in T<br>illable between the filing da  | de, Section 120 of any United States er of each of the claims of this application e manner provided by the first paragraph ge the duty to disclose all information litle 37, Code of Federal Regulations, ate of the prior application and the national   |
| Application Number   | Filing Date   | Status patented,<br>pending, abandoned  |
| Application Number   | Filing Date   | Status patented, pending, abandoned   |
| patent claims less than I had a the invention and inventions as without any deceptive intention during subsequent amendmen in the issuance of the original papplication and I failing to apprinvention(s). The error was disreview of the original patent by duty to disclose information what 1.56. | right to claim in the patent sclaimed in the above-ider on my part. The error arouts in connection with the protent. The error occurred reciate the scope of the inviscovered subsequent to is the assignee and/or its rehich is material to the example. | inoperative by reason that the original to the claims fail to cover embodiments of attified reissue application. The error arose se during the drafting of the application and rosecution of the application which resulted as a result of the attorney prosecuting the vention and/or to properly identify the suance of the original patent during a expresentatives. I further acknowledge my mination of the application under 37 CFR § |
| limit, and in any continuation of  | or divisional reissue applica   | nt reissue application beyond the two year ation based on the present reissue   |
| telephone calls to André   |   | , BLAKELY, SOKOLOFF, TAYLOR &<br>nt)<br>os Angeles, California 90025 and direct<br>, (408) 720-8300.  |
| statements made on inform<br>statements were made with   | nation and belief are beli<br>n the knowledge that will<br>nprisonment, or both, ur<br>willful false statements   | my own knowledge are true and that all<br>eved to be true; and further that these<br>iful false statements and the like so made<br>nder Section 1001 of Title 18 of the United<br>may jeopardize the validity of the  |

| ull Name of Sole/First Inventor <u>Kuriacose JC</u> | )SEPH                             |
|---|-----------------------------------|
| nventor's Signature                                 | Date                              |
| Posidonos   | Citizenship                       |
| (City, State)                                       | Citizenship(Country)              |
| Post Office Address                                 |                                   |
| Full Name of Second/Joint Inventor <u>Ansley W</u>  | Vayne JESSUP, Jr.                 |
| Inventor's Signature                                | Date                              |
|   |                                   |
| Residence(City, State)                              | (Country)                         |
| Post Office Address                                 |                                   |
|   |                                   |
| Full Name of Third/Joint Inventor Vincent DI        |                                   |
| Inventor's Signature                                | Date Citizenship France (Country) |
| Basidanca Pala Alba California                      | Citizenship France                |
| (City, State)                                       | (Country)                         |
|   | ourt<br>CA 94306                  |
| Palo Alto,  | CA 94306                          |
| Full Name of Fourth/Joint Inventor <u>Alain DE</u>  | ELPUCH                            |
| Inventor's Signature                                | Date                              |
|   | Citizenship                       |
| Residence(City, State)                              | (Country)                         |
| , ,   |                                   |
| Post Office Address                                 |                                   |

# Title 37, Code of Federal Regulations, Section 1.56 Duty to Disclose Information Material to Patentability

- (a) A patent by its very nature is affected with a public interest. The public interest is best served, and the most effective patent examination occurs when, at the time an application is being examined, the Office is aware of and evaluates the teachings of all information material to patentability. Each individual associated with the filing and prosecution of a patent application has a duty of candor and good faith in dealing with the Office, which includes a duty to disclose to the Office all information known to that individual to be material to patentability as defined in this section. The duty to disclosure information exists with respect to each pending claim until the claim is cancelled or withdrawn from consideration, or the application becomes abandoned. Information material to the patentability of a claim that is cancelled or withdrawn from consideration need not be submitted if the information is not material to the patentability of any claim remaining under consideration in the application. There is no duty to submit information which is not material to the patentability of any existing claim. The duty to disclosure all information known to be material to patentability is deemed to be satisfied if all information known to be material to patentability of any claim issued in a patent was cited by the Office or submitted to the Office in the manner prescribed by §§1.97(b)-(d) and 1.98. However, no patent will be granted on an application in connection with which fraud on the Office was practiced or attempted or the duty of disclosure was violated through bad faith or intentional misconduct. The Office encourages applicants to carefully examine:
  - (1) Prior art cited in search reports of a foreign patent office in a counterpart application, and
- (2) The closest information over which individuals associated with the filing or prosecution of a patent application believe any pending claim patentably defines, to make sure that any material information contained therein is disclosed to the Office.
- (b) Under this section, information is material to patentability when it is not cumulative to information already of record or being made or record in the application, and
- (1) It establishes, by itself or in combination with other information, a prima facie case of unpatentability of a claim; or
  - (2) It refutes, or is inconsistent with, a position the applicant takes in:
  - (i) Opposing an argument of unpatentability relied on by the Office, or
  - (ii) Asserting an argument of patentability.

- (c) Individuals associated with the filing or prosecution of a patent application within the meaning of this section are:
  - (1) Each inventor named in the application;
  - (2) Each attorney or agent who prepares or prosecutes the application; and
- (3) Every other person who is substantively involved in the preparation or prosecution of the application and who is associated with the inventor, with the assignee or with anyone to whom there is an obligation to assign the application.
- (d) Individuals other than the attorney, agent or inventor may comply with this section by disclosing information to the attorney, agent, or inventor.

# TOUT THE DESIGNATION AND THE RESERVE OF THE PARTY OF THE

# POWER OF ATTORNEY

**OPENTV CORPORATION** hereby appoints the persons listed on Appendix A hereto (which is incorporated by reference and a part of this document) as its respective patent attorneys and patent agents, with full power of substitution and revocation, to (1) prosecute and (2) transact all business in the Patent and Trademark Office connected with the reissue application serial no. 09/672,523, filed September 27, 2000 entitled:

APPARATUS FOR TRANSMITTING AND RECEIVING EXECUTABLE APPLICATIONS AS FOR A MULTIMEDIA SYSTEM, AND METHOD AND SYSTEM TO ORDER AN ITEM USING A DISTRIBUTED COMPUTING SYSTEM,

which is reissue of U.S. Patent no., 5,819,034, based on application serial no. 08/233,908 filed April 28, 1994.

| Dated:       | <br> |  |
|--------------|------|--|
|              |      |  |
| By:          | <br> |  |
| Limesh Desai |      |  |

Associate General Counsel – Intellectual Property, OPENTV CORPORATION

William E. Alford, Reg. No. 37,764; Farzad E. Amini, Reg. No. P42,261; Aloysius T. C. AuYeung, Reg. No. 35,432; William Thomas Babbitt, Reg. No. 39,591; Carol F. Barry, Reg. No. 41,600; Jordan Michael Becker, Reg. No. 39,602; Lisa N. Benado, Reg. No. 39,995; Bradley J. Bereznak, Reg. No. 33,474; Michael A. Bernadicou, Reg. No. 35,934; Roger W. Blakely, Jr., Reg. No. 25,831; R. Alan Burnett, Reg. No. 46,149; Gregory D. Caldwell, Req. No. 39,926; Andrew C. Chen, Reg. No. 43,544; Thomas M. Coester, Reg. No. 39,637; Donna Jo Coningsby, Reg. No. 41,684; Florin Corie, Reg. No. 46,244; Dennis M. deGuzman, Reg. No. 41,702; Stephen M. De Klerk, Reg. No. 46,503; Michael Anthony DeSanctis, Reg. No. 39,957; Daniel M. De Vos, Reg. No. 37,813; Robert Andrew Diehl, Reg. No. 40,992; Sanjeet Dutta, Reg. No. P46,145; Matthew C. Fagan, Reg. No. 37,542; Tarek N. Fahmi, Reg. No. 41,402; George Fountain, Reg. No. 37,374; Paramita Ghosh, Reg. No. 42,806; James Y. Go, Reg. No. 40,621; James A. Henry, Reg. No. 41,064; Libby N. Ho, Reg. No. P46,774; Willmore F. Holbrow III, Reg. No. P41,845; Sheryl Sue Holloway, Reg. No. 37,850; George W Hoover II, Reg. No. 32,992; Eric S. Hyman, Reg. No. 30,139; William W. Kidd, Reg. No. 31,772; Sang Hui Kim, Reg. No. 40,450; Walter T. Kim, Reg. No. 42,731; Eric T. King, Reg. No. 44,188; Erica W. Kuo, Reg. No. 42,775; George Brian Leavell, Reg. No. 45,436; Kurt P. Leyendecker, Reg. No. 42,799; Gordon R. Lindeen III, Reg. No. 33,192; Jan Carol Little, Reg. No. 41,181; Joseph Lutz, Reg. No. 43,765; Michael J. Mallie, Reg. No. 36,591; Andre L. Marais, under 37 C.F.R. § 10.9(b); Paul A. Mendonsa, Reg. No. 42,879; Clive D. Menezes, Reg. No. 45,493; Chun M. Ng, Rea. No. 36,878; Thien T. Nauyen, Rea. No. 43,835; Thinh V. Nguyen, Reg. No. 42,034; Dennis A. Nicholls, Reg. No. 42,036; Daniel E. Ovanezian, Reg. No. 41,236; Kenneth B. Paley, Reg. No. 38,989; Marina Portnova, Reg. No. P45,750; William F. Ryann, Reg. 44,313; James H. Salter, Reg. No. 35,668; William W. Schaal, Reg. No. 39,018; James C. Scheller, Reg. No. 31,195; Jeffrey Sam Smith, Reg. No. 39,377; Maria McCormack Sobrino, Reg. No. 31,639; Stanley W. Sokoloff, Reg. No. 25,128; Judith A. Szepesi, Reg. No. 39,393; Vincent P. Tassinari, Reg. No. 42,179; Edwin H. Taylor, Reg. No. 25,129; John F. Travis, Reg. No. 43,203; Joseph A. Twarowski, Reg. No. 42,191; Tom Van Zandt, Reg. No. 43,219; Lester J. Vincent, Reg. No. 31,460; Glenn E. Von Tersch, Reg. No. 41,364; John Patrick Ward, Reg. No. 40,216; Mark L. Watson, Reg. No. P46,322; Thomas C. Webster, Reg. No. P46,154; Steven D. Yates, Reg. No. 42,242; and Norman Zafman, Reg. No. 26,250; my patent attorneys, and Firasat Ali, Req. No. 45,715; and Justin M. Dillon, Req. No. 42,486; my patent agents, of BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP, with offices located at 12400 Wilshire Boulevard, 7th Floor, Los Angeles, California 90025, telephone (310) 207-3800, and Umesh Desai, Reg. No. 36,360 and Craig Opperman, Reg. No. 37,078, of OpenTV, located at 401 E. Middlefield Road, Mountain View, California 94043, and James R. Thein, Reg. No. 31,710, my patent attorney with full power of substitution and revocation, to prosecute this application and to transact all business in the Patent and Trademark Office connected herewith.

# DECLARATION FOR REISSUE PATENT APPLICATION

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below, next to my name.

I believe I am the original, first, and sole inventor (if only one name is listed below) or an original, first, and joint inventor (if plural names are listed below) of the subject matter which is described and for which a reissue patent is sought on the invention entitled

APPARATUS FOR TRANSMITTING AND RECEIVING EXECUTABLE APPLICATIONS
AS FOR A MULTIMEDIA SYSTEM, AND METHOD AND SYSTEM TO ORDER AN ITEM
USING A DISTRIBUTED COMPUTING SYSTEM

filed September 27, 2000 as serial no. 09/672,523 ("the reissue application"), the specification of which is attached hereto and was issued on October 6, 1998 as U.S. Patent no. 5,819,034 ("the original patent") based on serial no. 08/233,908 ("the application"), filed on April 28, 1994.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claim(s), as amended by any amendment referred to above. I do not know and do not believe that the claimed invention was ever known or used in the United States of America before my invention thereof, or patented or described in any printed publication in any country before my invention thereof or more than one year prior to the effective filing date, that the same was not in public use or on sale in the United States of America more than one year prior to the effective filing date, and that the invention was has not been patented or made the subject of an inventor's certificate issued prior to the effective filing date in any country foreign to the United States of America on an application filed by me or my legal representatives or assigns more than twelve moths (for a utility patent application) or six moths (for a design patent application) prior to the effective filing date.

I acknowledge the duty to disclose all information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, Section 1.56.

| Prior Foreign Application | <u>n(s)</u> |                      | Claim | •  |
|---------------------------|-------------|----------------------|-------|----|
| Number                    | Country     | Day/Month/Year Filed | Yes   | No |
| Number                    | Country     | Day/Month/Year Filed | Yes   | No |
| Number                    | Country     | Day/Month/Year Filed | Yes   | No |

| I hereby claim the benefit under provisional application(s) listed to  | Title 35, United States Code   | e, Section 119(e) of any United States  |
|--|--|---|
| Application Number   | Filing Date  |   |
| Application running.   |  |   |
| Application Number   | Filing Date  |   |
| application(s) listed below and, is not disclosed in the prior Unit of Title 35, United States Code  | insofar as the subject matte<br>ted States application in the<br>, Section 112, I acknowledge<br>patentability as defined in Tit<br>ailable between the filing da  | le, Section 120 of any United States of each of the claims of this application manner provided by the first paragraph the the duty to disclose all information the 37, Code of Federal Regulations, the of the prior application and the national   |
| Application Number   | Filing Date  | Status patented, pending, abandoned   |
| Application Number   | Filing Date  | Status patented, pending, abandoned   |
| patent claims less than I had a<br>the invention and inventions a<br>without any deceptive intentio<br>during subsequent amendment<br>in the issuance of the original<br>application and I failing to application and I failing to application and I failing to application of the original patent be<br>duty to disclose information with 1.56. | a right to claim in the patent. Is claimed in the above-ident on on my part. The error arosents in connection with the propatent. The error occurred preciate the scope of the involved iscovered subsequent to issue the assignee and/or its report of the involved is material to the example. | noperative by reason that the original The claims fail to cover embodiments of tified reissue application. The error arose se during the drafting of the application and osecution of the application which resulted as a result of the attorney prosecuting the ention and/or to properly identify the suance of the original patent during a presentatives. I further acknowledge my fination of the application under 37 CFR § |
| limit, and in any continuation   | or divisional reissue applica  | nt reissue application beyond the two year tion based on the present reissue  |
| telephone calls to Andre   | André L. Marais Name of Attorney or Agen ire Boulevard 7th Floor, L é L. Marais e of Attorney or Agent)  | , BLAKELY, SOKOLOFF, TAYLOR & t) os Angeles, California 90025 and direct (408) 720-8300.  |
| I hereby declare that all sta<br>statements made on information statements were made with are punishable by fine or in   | atements made herein of n<br>mation and belief are belie<br>th the knowledge that willf<br>imprisonment, or both, und<br>n willful false statements n  | ny own knowledge are true and that all<br>eved to be true; and further that these<br>ful false statements and the like so made<br>der Section 1001 of Title 18 of the United<br>may jeopardize the validity of the  |

| Full Name of Sole/First In | nventor <u>Kuriacose JOS</u>   | EPH                      |             |
|----------------------------|--------------------------------|--------------------------|-------------|
| nventor's Signature        |                                | Date                     |             |
|                            |                                |                          | (Country)   |
|                            | (City, State)                  | •                        | (Country)   |
| Post Office Address        |                                |                          |             |
| Full Name of Second/Jo     | int Inventor <u>Ansley Wa</u>  | yne JESSUP, Jr.          |             |
| Inventor's Signature       |                                | Date                     |             |
|                            |                                |                          | (Country)   |
|                            | (City, State)                  |                          | (Country)   |
| Post Office Address        |                                |                          |             |
| Inventor's Signature       |                                | Date                     |             |
| Residence                  |                                | Citizenship              |             |
|                            | (City, State)                  |                          | (Country)   |
| Post Office Address        |                                |                          |             |
| _                          |                                |                          |             |
| Full Name of Fourth/Jo     | oint Inventor <u>Alain DEL</u> | PUCH                     |             |
| Inventor's Signature _     | Alfond                         | Date                     | Nov 13,2000 |
| Residence                  | Les Essarts                    | FRANCE Citizenship       | FRANCE      |
| i lesiderice               | (City, State)                  | FRANCE Citizenship       | (Country)   |
| Post Office Address_       | 34 PARC D.                     | ES ESSARTS ESSARTS LERDÍ | COALLE      |
|                            | 70 Can 1 es                    | ECRARTS I FROI           | -KANCE      |

# Title 37, Code of Federal Regulations, Section 1.56 Duty to Disclose Information Material to Patentability

- (a) A patent by its very nature is affected with a public interest. The public interest is best served, and the most effective patent examination occurs when, at the time an application is being examined, the Office is aware of and evaluates the teachings of all information material to patentability. Each individual associated with the filing and prosecution of a patent application has a duty of candor and good faith in dealing with the Office, which includes a duty to disclose to the Office all information known to that individual to be material to patentability as defined in this section. The duty to disclosure information exists with respect to each pending claim until the claim is cancelled or withdrawn from consideration, or the application becomes abandoned. Information material to the patentability of a claim that is cancelled or withdrawn from consideration need not be submitted if the information is not material to the patentability of any claim remaining under consideration in the application. There is no duty to submit information which is not material to the patentability of any existing claim. The duty to disclosure all information known to be material to patentability is deemed to be satisfied if all information known to be material to patentability of any claim issued in a patent was cited by the Office or submitted to the Office in the manner prescribed by §§1.97(b)-(d) and 1.98. However, no patent will be granted on an application in connection with which fraud on the Office was practiced or attempted or the duty of disclosure was violated through bad faith or intentional misconduct. The Office encourages applicants to carefully examine:
  - (1) Prior art cited in search reports of a foreign patent office in a counterpart application, and
- (2) The closest information over which individuals associated with the filing or prosecution of a patent application believe any pending claim patentably defines, to make sure that any material information contained therein is disclosed to the Office.
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- (1) It establishes, by itself or in combination with other information, a prima facie case of unpatentability of a claim; or
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  - (i) Opposing an argument of unpatentability relied on by the Office, or
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- (c) Individuals associated with the filing or prosecution of a patent application within the meaning of this section are:
  - (1) Each inventor named in the application;
  - (2) Each attorney or agent who prepares or prosecutes the application; and
- (3) Every other person who is substantively involved in the preparation or prosecution of the application and who is associated with the inventor, with the assignee or with anyone to whom there is an obligation to assign the application.
- (d) Individuals other than the attorney, agent or inventor may comply with this section by disclosing information to the attorney, agent, or inventor.

# 

# POWER OF ATTORNEY

**OPENTV CORPORATION** hereby appoints the persons listed on Appendix A hereto (which is incorporated by reference and a part of this document) as its respective patent attorneys and patent agents, with full power of substitution and revocation, to (1) prosecute and (2) transact all business in the Patent and Trademark Office connected with the reissue application serial no. 09/672,523, filed September 27, 2000 entitled:

APPARATUS FOR TRANSMITTING AND RECEIVING EXECUTABLE APPLICATIONS AS FOR A MULTIMEDIA SYSTEM, AND METHOD AND SYSTEM TO ORDER AN ITEM USING A DISTRIBUTED COMPUTING SYSTEM,

which is reissue of U.S. Patent no., 5,819,034, based on application serial no. 08/233,908 filed April 28, 1994.

| Dated:   |                    |
|--|--------------------|
| Ву:  |                    |
| Umesh Desai  |                    |
| Associate General Counsel – Intellectual Property, | OPENTV CORPORATION |

William E. Alford, Reg. No. 37,764; Farzad E. Amini, Reg. No. P42,261; Aloysius T. C. AuYeung, Reg. No. 35,432; William Thomas Babbitt, Reg. No. 39,591; Carol F. Barry, Reg. No. 41,600; Jordan Michael Becker, Reg. No. 39,602; Lisa N. Benado, Reg. No. 39,995; Bradley J. Bereznak, Reg. No. 33,474; Michael A. Bernadicou, Reg. No. 35,934; Roger W. Blakely, Jr., Reg. No. 25,831; R. Alan Burnett, Reg. No. 46,149; Gregory D. Caldwell, Reg. No. 39,926; Andrew C. Chen, Reg. No. 43,544; Thomas M. Coester, Reg. No. 39,637; Donna Jo Coningsby, Reg. No. 41,684; Florin Corie, Reg. No. 46,244; Dennis M. deGuzman, Reg. No. 41,702; Stephen M. De Klerk, Reg. No. 46,503; Michael Anthony DeSanctis, Reg. No. 39,957; Daniel M. De Vos, Reg. No. 37,813; Robert Andrew Diehl, Reg. No. 40,992; Sanjeet Dutta, Reg. No. P46,145; Matthew C. Fagan, Reg. No. 37,542; Tarek N. Fahmi, Reg. No. 41,402; George Fountain, Reg. No. 37,374; Paramita Ghosh, Reg. No. 42,806; James Y. Go, Reg. No. 40,621; James A. Henry, Reg. No. 41,064; Libby N. Ho, Reg. No. P46,774; Willmore F. Holbrow III, Reg. No. P41,845; Sheryl Sue Holloway, Reg. No. 37,850; George W Hoover II, Reg. No. 32,992; Eric S. Hyman, Reg. No. 30,139; William W. Kidd, Reg. No. 31,772; Sang Hui Kim, Reg. No. 40,450; Walter T. Kim, Reg. No. 42,731; Eric T. King, Reg. No. 44,188; Erica W. Kuo, Reg. No. 42,775; George Brian Leavell, Reg. No. 45,436; Kurt P. Leyendecker, Reg. No. 42,799; Gordon R. Lindeen III, Reg. No. 33,192; Jan Carol Little, Reg. No. 41,181; Joseph Lutz, Reg. No. 43,765; Michael J. Mallie, Reg. No. 36,591; Andre L. Marais, under 37 C.F.R. § 10.9(b); Paul A. Mendonsa, Reg. No. 42,879; Clive D. Menezes, Reg. No. 45,493; Chun M. Ng, Reg. No. 36,878; Thien T. Nguyen, Reg. No. 43,835; Thinh V. Nguyen, Reg. No. 42,034; Dennis A. Nicholls, Reg. No. 42,036; Daniel E. Ovanezian, Reg. No. 41,236; Kenneth B. Paley, Reg. No. 38,989; Marina Portnova, Reg. No. P45,750; William F. Ryann, Reg. 44,313; James H. Salter, Reg. No. 35,668; William W. Schaal, Reg. No. 39,018; James C. Scheller, Reg. No. 31,195; Jeffrey Sam Smith, Reg. No. 39,377; Maria McCormack Sobrino, Reg. No. 31,639; Stanley W. Sokoloff, Reg. No. 25,128; Judith A. Szepesi, Reg. No. 39,393; Vincent P. Tassinari, Reg. No. 42,179; Edwin H. Taylor, Reg. No. 25,129; John F. Travis, Reg. No. 43,203; Joseph A. Twarowski, Reg. No. 42,191; Tom Van Zandt, Reg. No. 43,219; Lester J. Vincent, Reg. No. 31,460; Glenn E. Von Tersch, Reg. No. 41,364; John Patrick Ward, Reg. No. 40,216; Mark L. Watson, Reg. No. P46,322; Thomas C. Webster, Reg. No. P46,154; Steven D. Yates, Reg. No. 42,242; and Norman Zafman, Reg. No. 26,250; my patent attorneys, and Firasat Ali, Reg. No. 45,715; and Justin M. Dillon, Reg. No. 42,486; my patent agents, of BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP, with offices located at 12400 Wilshire Boulevard, 7th Floor, Los Angeles, California 90025, telephone (310) 207-3800, and Umesh Desai, Reg. No. 36,360 and Craig Opperman, Reg. No. 37,078, of OpenTV, located at 401 E. Middlefield Road, Mountain View, California 94043, and James R. Thein, Reg. No. 31,710, my patent attorney with full power of substitution and revocation, to prosecute this application and to transact all business in the Patent and Trademark Office connected herewith.